

DATA ITEM DESCRIPTION

Title: CONCEPTUAL DESIGN DRAWINGS

Number: DI-SESS-81001B

Approval Date: 20011214

ASMC Number: A7430

Limitations:

DTIC Applicable:

GIDEP Applicable:

Office of Primary Responsibility: AR

Applicable Forms:

Use/relationship: Conceptual design drawings define engineering design concepts. They are used to reduce technical uncertainty as to whether or not a technology is feasible or a design concept has potential to meet stated requirements.

- a. This Data Item Description (DID) contains the format and content preparation instructions for Conceptual Design Drawings resulting from the work task described in 3.6.1 of MIL-DTL-31000B.
- b. This DID is applicable to acquisitions of military systems, equipment, and components. It is intended for use primarily during the concept demonstration/validation phase of the DoD materiel life-cycle.
- c. It is not intended that all the requirements contained herein should be applied to every program. This DID should be tailored to the minimum data requirements of the applicable contract or purchase order.
- d. This DID supersedes DI-DRPR-81001A, which superseded DI-DRPR-81001.
- e. This DID is related to DI-SESS-81000B, DI-SESS-81002B and DI-SESS-81003B.
- f. A purchased item, as defined by ASME Y14.24, is an item which is sold or traded in the course of conducting normal business operations, is used by commercial industry, or is a specialized version of a supplier's general product line which he routinely customizes. Purchased items as used herein have also been referred to as vendor items or vendor-developed items.

Requirements:

- 1. Reference Documents. The applicable issue of documents cited herein, including their approval dates and the dates of applicable amendments, notices, and revisions, shall be as cited in the contract.
- 2. General. Conceptual design drawings shall be in accordance with MIL-DTL-31000B.
- 3. Format. Drawings shall be in the contractors or Government's format as specified on the TDP Option Selection Work Sheet incorporated into the contract or purchase order.
- 4. Content. Conceptual design drawings shall document an engineering design concept in detail. These drawings shall indicate whether or not a technology is feasible or the design concept has the potential of meeting stated requirements.

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5. Selection of drawings. The types of drawings to be prepared will vary according to the complexity of the design concept. The Option Selection Work Sheet incorporated in the contract or purchase order will specify whether the contractor or the Government is responsible for selecting the types of drawings to be used. Associated lists are not required, but may be used if necessary to meet the information content requirements of para 4 above.

6. CAGE code and document numbers. Conceptual Design Drawings will be identified with the contractor's CAGE code and contractor document numbers or with a Government CAGE code and Government document numbers as specified in the Option Selection Work Sheet incorporated in the contract.